

Converting Colors

YUV(56.5500, 26.3509, 41.6136)

Have a look what the booklet for
YUV(56.5500, 26.3509, 41.6136)
contains.

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Color

**YUV(56.5500, 26.3509,
41.6136)**

Conversions

Conversions Part 1

Format	Color
Hex	68166E
RGB	104, 22, 110
RGB Percent	41%, 9%, 43%
CMY	0.5922, 0.9137, 0.5686
CMYK	0.05, 0.80, 0.00, 0.57
HSL	296°, 67%, 26%
HSV	296°, 80%, 43%
XYZ	8.8103, 4.6427, 15.1836
YIQ	56.5500, 20.6240, 44.7520

Conversions

Conversions Part 2

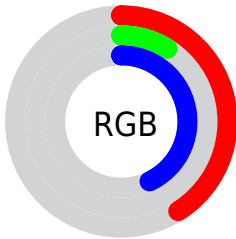
Format	Color
RYB	104, 22, 110
Decimal	6821486
CIELab	25.69, 46.58, -31.83
CIElCh	26, 56.417, 325.652
Yxy	4.6427, 0.3077, 0.1621
Android (android.graphics.Color)	4285011566 (0xFF68166E)
YUV	56.5500, 26.3509, 41.6136
Hunter-Lab	21.5468, 35.2800, -26.6977

Details

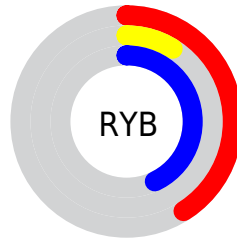
The YUV color **56.5500, 26.3509, 41.6136** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.4500, -26.3508, -41.6136**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3220, 25.4773, 41.8136**, and **22.9150, 19.2689, 26.3845** is the 20% darker color. If you saturate the color by 10%, you get **49.7940, 29.6816, 46.6617**, and if you desaturate by 10%, it is **63.3060, 23.0201, 36.5656**.

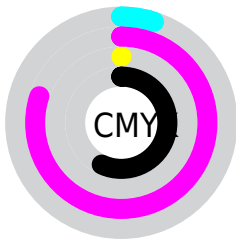
Distribution



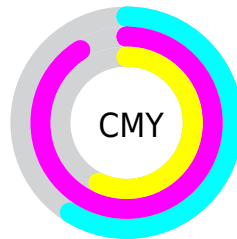
- Red (41%)
- Green (9%)
- Blue (43%)



- Red (41%)
- Yellow (9%)
- Blue (43%)



- Cyan (5%)
- Magenta (80%)
- Yellow (0%)
- Black (57%)



- Cyan (59%)
- Magenta (91%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.5500, 26.3509, 41.6136 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 56.5500, 26.3509, 41.6136 by changing the saturation by 10% instead.

■ 56.5500, 26.3509,
41.6136

■ 56.5500, 26.3509,
41.6136

■ 255.0000, 0.0000,
0.0000

■ 33.0120, 25.6301,
39.4545

■ 110.3220, 25.4773,
41.8136

■ 22.9150, 19.2689,
26.3845

■ 137.0340, 25.6192,
42.9432

■ 13.1170, 12.7603,
13.9294

■ 163.8600, 26.1980,
43.9728

■ 2.4110, 6.6994,
-2.1144


■ 191.9850, 26.6294,
45.6172

■ 0.0000, 0.0000,
0.0000


■ 212.7360, 20.8362,
37.0655


■ 229.1720, 12.7332,


22.6512


 246.1950, 4.3409,
7.7220


 56.5500, 26.3509,
41.6136


 56.5500, 26.3509,
41.6136


 49.7940, 29.6816,
46.6617


 63.3060, 23.0201,
36.5656

 43.0380, 33.0123,
51.7097

 70.0620, 19.6894,
31.5176

 76.5190, 16.5061,
25.8548

 83.2750, 13.1754,
20.8068

 90.0310, 9.8447,
15.7588

■ 96.7870, 6.5140,
10.7108

■ 103.2440, 3.3307,
5.0480

■ 110.0000, 0.0000,
0.0000

■ 116.7560, -3.3307,
-5.0480

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.3400, 41.2444, -22.2232



56.5500, 26.3509, 41.6136



46.7360, 10.9762, 73.0225

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.5500, 26.3509, 41.6136



57.6780, -28.4353, 20.4534



56.8440, 19.7969, -49.8522

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56.5500, 26.3509, 41.6136



75.4500, -26.3508, -41.6136

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.2410, 0.8672, -44.9384



56.5500, 26.3509, 41.6136



52.4630, -25.8643, -10.9301

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.5500, 26.3509, 41.6136



54.6200, -26.9277, 50.3223



44.2530, -20.8307, -38.8099



59.6600, 35.6636, -52.3218

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5500, 26.3509, 41.6136



44.1420, -1.5490, 77.0515



44.2530, -20.8307, -38.8099



55.2480, 13.6817, -48.4525

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56.5500, 26.3509, 41.6136



122.1450, 10.2815, 15.6588



36.1410, 36.4125, -12.4017



58.9610, 5.9352, 9.6812



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.5500, 26.3509, 41.6136



59.5910, 41.1206, 64.3797



54.1260, 9.3049, 49.0015



52.4780, 1.7363, 3.0888



47.1680, 35.9062, 56.8577



96.9280, 73.9855, 116.7041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.9960, -10.3510, 53.5005



47.9890, -16.2636, 83.3246



77.8740, -9.3049, -49.0015



51.9080, -0.4476, 3.5887



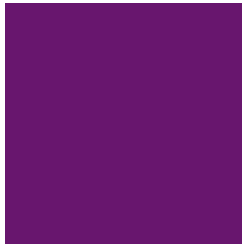
36.7920, -14.1945, 72.9734



75.7910, -28.9840, 150.1503

Previews

White Background



This preview shows how the YUV color 56.5500, 26.3509, 41.6136 looks on a white background.

Color Contrast Check

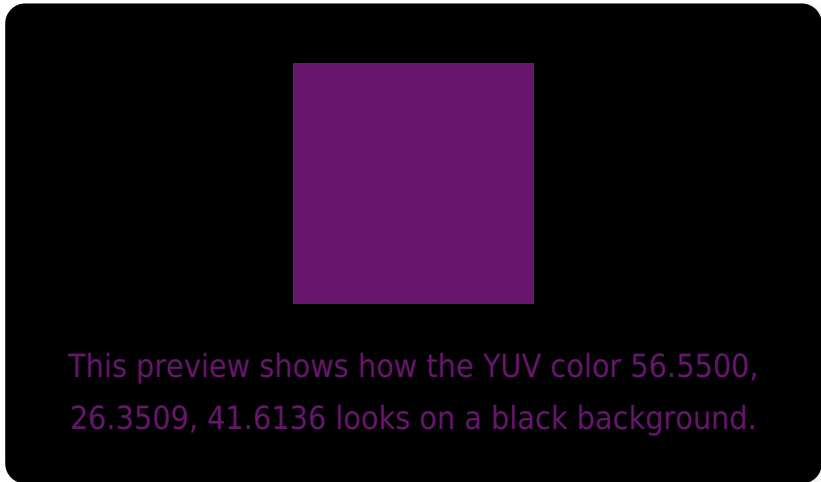
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

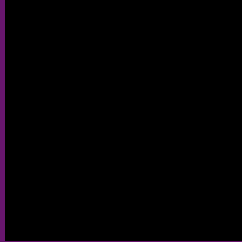
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 56.5500, 26.3509, 41.6136

Background



This preview shows how black text looks on a background with the YUV color 56.5500, 26.3509, 41.6136.



This preview shows how white text looks on a background with the YUV color 56.5500, 26.3509,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56.5500, 26.3509, 41.6136

Protanopia

49.8120, 38.5467, -43.6851

Deuteranopia

59.3020, 22.0361, -21.3129



Tritanopia

62.2920, -6.0600, 30.4389

Trichromacy



Original Color

56.5500, 26.3509, 41.6136

Protanomaly

52.1580, 33.9391, -12.4166

Deuteranomaly

58.2000, 23.5654, 1.5786

Tritanomaly

60.4140, 5.7119, 34.7169

Monochromacy



Original Color

56.5500, 26.3509, 41.6136

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6180, 9.5553, 15.2440

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.5500, 26.3509, 41.6136 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(104, 22, 110)` looks like.

```
.text, #text, p{  
    color:rgb(104, 22, 110)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(104, 22, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 22, 110) }
```

Border

The CSS property to change the border of an element to YUV 56.5500, 26.3509, 41.6136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 22, 110) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(104, 22, 110) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(104, 22, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 22, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 22, 110);  
box-shadow:4px 4px 4px 4px rgb(104, 22,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 56.5500, 26.3509, 41.6136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 22, 110) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(104, 22,  
110) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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